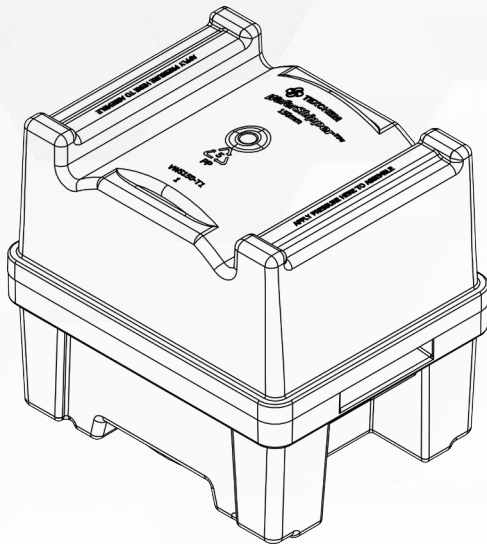


# WaferShipper™

## VWS: Vertical WaferShipper

Texchem's VWS is an industry accepted design providing superior protection for critical wafer handling requirements. The VWS is designed to match the cassette package size that are widely used in the industry and are compatible with automated wafer loading equipment



### Application

Bare/ Prime Wafer Shipping

### Advantages

Made with Ultra Clean Material  
Superior Box Fitting and Dimensional Stability  
Proven Industrial Standard Design

### Shipper Material

Wafer Grade Ultra Clean PP

### Wafer Size

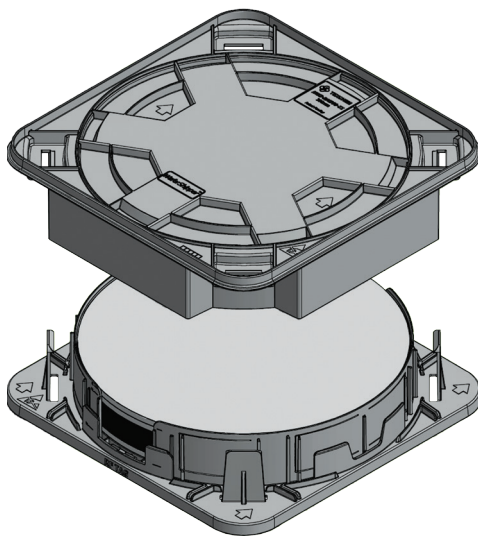
100mm (4")  
150mm (6")  
200mm (8")

### Wafer Capacity

25 Wafers

## HWS-RM: Horizontal WaferShipper

Texchem's HWS-RM provide superior protection and substantial freight cost savings. The product are designed to meet SEMI standard load port specifications to be compatible with automated wafer packing and sorting equipment.



### Application

Processed Wafer Shipping

### Advantages

Superior Wafer Protection  
Substantial Freight Cost Reduction  
Substantial Space Saving  
Compounded ESD Property

### Shipper Material

Wafer Grade Clean PP (Conductive)

### Wafer Size

200mm (8")  
300mm (12")

### Wafer Capacity

25 wafers



**TEXCHEM**

**TEXCHEM-PACK (PP) SDN. BHD.**

Part of Lot 1241, Phase III, Bayan Lepas Free Industrial Zone

11900 Bayan Lepas, Penang, Malaysia

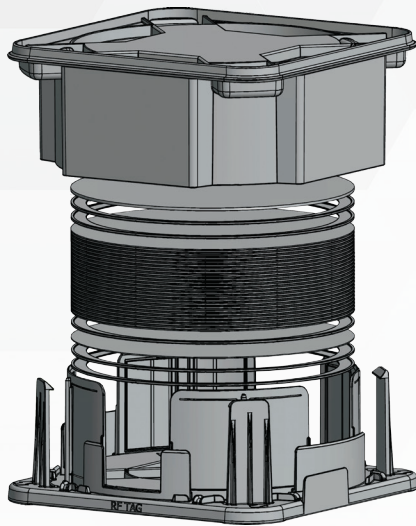
Tel: 604 643 8661

Email: txppgsales@texchem-pack.com

# WaferShipper™

## BHWS-RM: Bumped Horizontal Wafer Shipper

BHWS-RM is designed for transportation of 25 bumped or sensitive surface wafers with Wafer Separator Rings (WSR).BHWS-RM is paired with our WSR to reduce wafer surface contact during transportation.



### Application

Bumped Wafer Shipping  
Sensitive Wafer Shipping

### Advantages

Less Wafer Surface Contact  
Superior Wafer Protection  
Substantial Freight Cost Reduction  
Substantial Space Saving  
Compounded ESD Property

### Shipper Material

Wafer Grade Clean PP (Conductive)

### Wafer Size

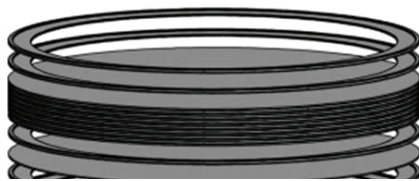
200mm (8")  
300mm (12")

### Wafer Capacity

25 wafers

## WSR: Wafer Separator Ring

WSR is designed for transporting Bumped or Sensitive wafer shipping. WSR aim to replace carbon or non-woven interleaves to greatly reduce wafer surface contact and achieve higher cleanliness and lower particle counts. The contact is only made with SEMI standard exclusion zone.



### Application

To Replace Interleaves

### Advantages

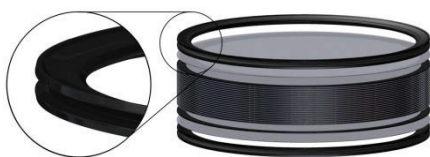
Lower Particle Count  
Less Humidity Absorption  
Less Wafer Surface Contact

### Wafer Size

200mm (8")  
300mm (12")

## WCR: Wafer Compliance Ring

WCR aim to replace Foam Cushion to achieve higher cleanliness and lower particle counts. The contact is only made with SEMI standard exclusion zone.



### Application

To Replace Foam Cushion

### Advantages

Lower Particle Count  
Less Humidity Absorption  
Less Wafer Surface Contact

### Wafer Size

300mm (12")